

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,668,312 B2
APPLICATION NO. : 10/552384
DATED : February 23, 2010
INVENTOR(S) : Lecomte et al.

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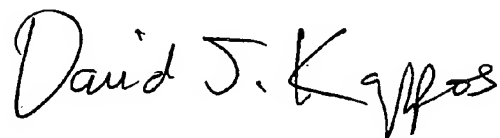
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page should be deleted to be replaced with the attached title page.

Please insert the attached "Figure" as the sole drawing of the application.

Signed and Sealed this

Fifteenth Day of June, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Lecomte et al.

(10) **Patent No.:** **US 7,668,312 B2**
(45) **Date of Patent:** ***Feb. 23, 2010**

(54) **SCRAMBLING, DESCRAMBLING AND
SECURE DISTRIBUTION OF AUDIO-VISUAL
SEQUENCES FROM VIDEO ENCODERS
BASED ON WAVELET PROCESSING**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 556 days.

This patent is subject to a terminal dis-
claimer.

(21) Appl. No.: **10/552,384**

(22) PCT Filed: **Apr. 16, 2004**

(86) PCT No.: **PCT/FR2004/000947**

§ 371 (c)(1),
(2), (4) Date: **Dec. 13, 2005**

(87) PCT Pub. No.: **WO2004/095840**

PCT Pub. Date: **Nov. 4, 2004**

(65) **Prior Publication Data**

US 2006/0216003 A1 Sep. 28, 2006

(30) **Foreign Application Priority Data**

Apr. 16, 2003 (FR) 03 50110

(51) **Int. Cl.**

H04N 7/167 (2006.01)
H04N 7/10 (2006.01)
G06F 9/00 (2006.01)

(52) **U.S. Cl.** **380/210; 382/100; 382/232;**
725/32

(58) **Field of Classification Search** None

See application file for complete search history.

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(57) **ABSTRACT**

A process for secured distribution of video sequences accord-
ing to a digital stream format stemming from an encoding
based on a processing by wavelets including frames including
blocks containing coefficients of wavelets describing the
visual elements, including analyzing the stream prior to trans-
mission to client equipment to generate a modified main
stream by deletion and replacement of selected information
coding the original stream and having the format of the origi-
nal stream, and complementary information of any format
comprising the digital information coding the original stream
and suitable for permitting reconstruction of the modified
frames; and transmitting the modified main stream and the
complementary information separately from a server to
addressed equipment.

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64 Claims, 1 Drawings

